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AN - 1985-084124 [14]  
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CPY - OSAS  
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IC - C09D1/02 ; C09D5/14  
MC - E31-P05 E34-B G02-A03B  
M3 - [01] A100 A103 A111 A119 A940 B114 B701 B712 B720 B831 C108 C802 C803  
C804 C805 C807 M411 M782 M903 Q332 Q437 R043  
- [02] A212 A940 C108 C550 C730 C801 C802 C803 C804 C805 C807 M411 M782  
M903 M910 Q332 Q437 R043  
PA - (OSAS ) OSAKA SODA KK  
PN - JP60035065 A 19850222 DW198514 008pp  
- JP62041985B B 19870905 DW198739 000pp  
PR - JP19830143467 19830804  
XA - C1985-036741  
XIC - C09D-001/02 ; C09D-005/14  
AB - J60035065 The method comprises coating at least a portion in contact  
with sea water of aquatic structure with coating compsn. comprising  
(A) alkali metal silicate as binder, (B) activated MgO having I2  
adsorption of 30-300 mg I2/g MgO in an amt. of 15-400wt.% of the SiO2  
in (A), (C) CaCO3 in an amt. of 0-15wt.% of (B)+(C) and (D) at least  
one metallic Zn or inorganic Zn cpd. in an amt. of 0-900wt.% of  
(B)+(C).  
- Component (A) is Na-, K- or Li-silicate or quat. ammonium silicate.  
(B) is prepd. by pulverising MgHCO3, Mg2CO3 or Mg(OH)2 to size of up  
to 100 microns, calcining through rotary kiln or the like and  
pulverising the calcined MgO in pebble mill etc. The antifouling  
compsn. is blended opt. with filler, dispersing agent, solvent,  
viscosity improver, defoaming agent and/or settling inhibitor.  
- ADVANTAGE - The method provides antifouling coating having high  
adhesion and antifouling activity without causing the subsequent  
pollution of sea water.(0/0)  
IW - ANTIFOULING TREAT AQUATIC STRUCTURE COATING COMPOSITION CONTAIN ALKALI  
METAL SILICATE ACTIVATE MAGNESIUM OXIDE CALCIUM CARBONATE ZINC COMPOUND  
IKW - ANTIFOULING TREAT AQUATIC STRUCTURE COATING COMPOSITION CONTAIN ALKALI  
METAL SILICATE ACTIVATE MAGNESIUM OXIDE CALCIUM CARBONATE ZINC COMPOUND  
NC - 001  
OPD - 1983-08-04  
ORD - 1985-02-22  
PAW - (OSAS ) OSAKA SODA KK  
TI - Antifouling treatment for aquatic structure - using coating compsn.  
contg. alkali metal silicate, activated magnesium oxide, calcium  
carbonate and zinc (cpd.)